

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-17 (*Canceled*)

Claim 18. (*Currently Amended*) A live well oxygenator comprising:

a vessel having an inner chamber enclosed by a front wall, a top wall, a rear wall, two side walls and a bottom panel, said front wall defining a first opening and a second opening therein, said top wall defining a third opening and a fourth opening therein, said rear wall defining a fifth opening therein;

a water pump disposed within said vessel, said water pump having an inlet positioned at the first opening in the front wall;

a U-shaped discharge pipe having one end connected to said water pump, a bend section disposed above said water pump and an open end extending towards the bottom panel of said vessel, the bend section of said discharge pipe defining at least one venturi opening therein;

a L-shaped water return pipe disposed within said vessel, said water return pipe having one end positioned at the second opening in the front wall and an open end disposed proximate the bottom panel of said vessel;

an oxygen feed valve disposed through the third opening in the top wall of said vessel; and

an overflow tube having one end disposed through the fourth opening in the top wall of said vessel and terminating in an opposite end disposed proximate the bottom panel of said vessel.

Application No.: 10/764,445
Art Unit: 3643

Attorney Docket No. 12713.01
Confirmation No. 8675

Claim 19. (*Currently Amended*) The live well oxygenator according to claim 18, wherein the open end of said water return pipe and the opposite end of said overflow tube are spaced a substantially equal distance from the bottom panel of said vessel.

Claim 20. (*Previously Presented*) The live well oxygenator according to claim 18, further including a first filter screen and a second filter screen, each being respectively positioned over the first and second openings in the front wall of said vessel..

Claim 21. (*Previously Presented*) The live well oxygenator according to claim 18, wherein said oxygen feed valve is connected to a compressed oxygen source.

Claim 22. (*Currently Amended*) The live well oxygenator according to claim 18, further including electrical transmission wires connected to said water pump and extending through the ~~fourth~~ fifth opening in the rear wall of said vessel.

Claim 23. (*Previously Presented*) The live well oxygenator according to claim 22, further including a timer interconnected to said electrical wires for providing a programmable timing function for said pump.

Application No.: 10/764,445
Art Unit: 3643

Attorney Docket No. 12713.01
Confirmation No. 8675

Claim 24. (*Currently Amended*) The live well oxygenator according to claim 22, wherein the ~~fourth~~ fifth opening in the rear wall of said vessel includes a watertight fitting.

Claim 25. (*Currently Amended*) The live well oxygenator according to claim 18, wherein the bottom panel of the said vessel ~~includes a~~ is removable ~~panel~~ to provide access to the inner chamber for maintenance.

Claim 26. (*Previously Amended*) The live well oxygenator according to claim 18, further including means for mounting said vessel within a tank.

Claim 27. (*Previously Presented*) The live well oxygenator according to claim 25, wherein said mounting means include an array of mounting tabs externally disposed on said vessel.